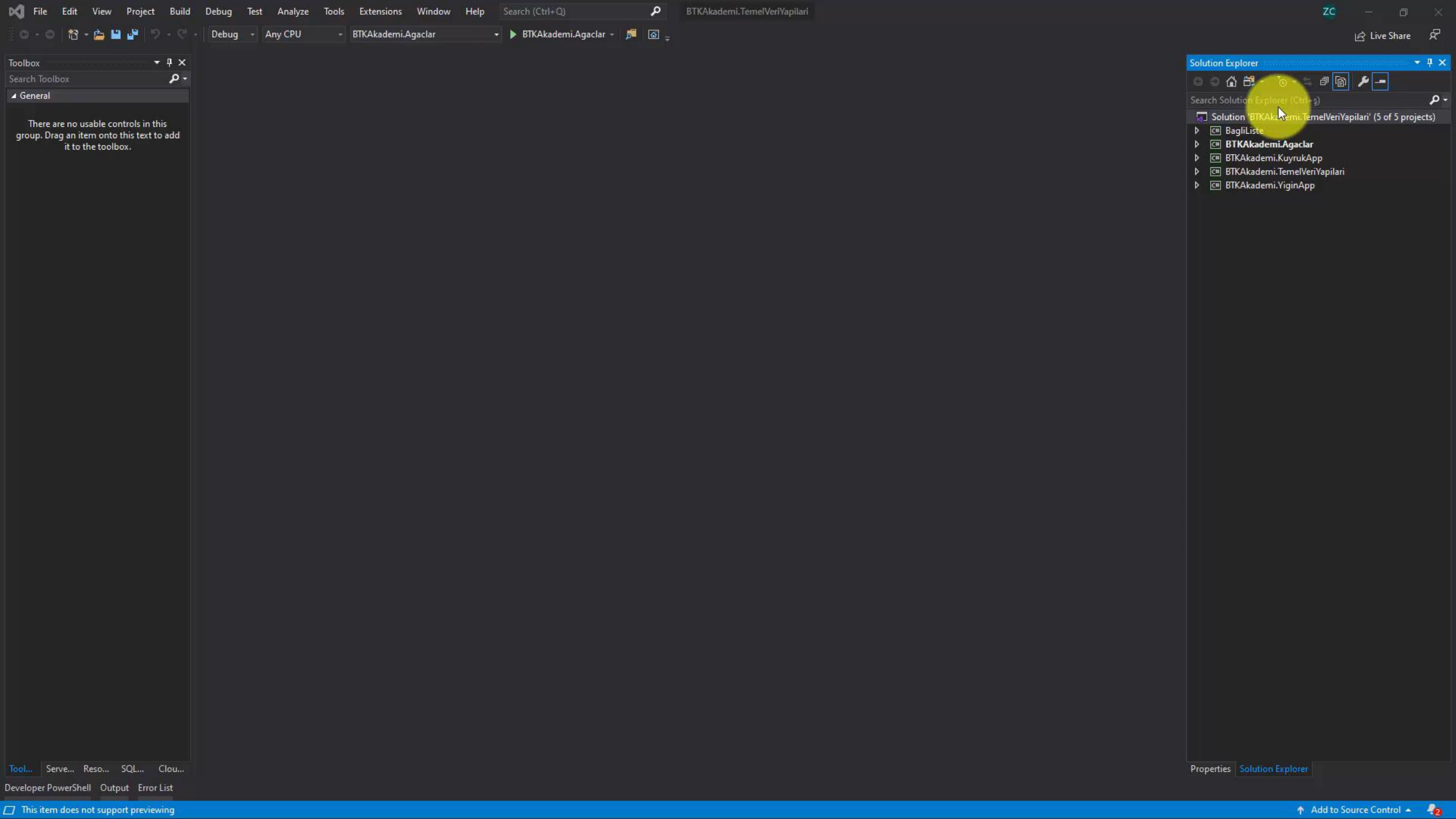




# Giriş

1. Düğüm tasarımı
2. Graf tasarımı
  1. Düğüm ekleme
  2. Kenar ekleme
3. Matris tasarımı
  1. Komşuluk Matrisi
  2. Ağırlık Matrisi
4. Konsol uygulaması

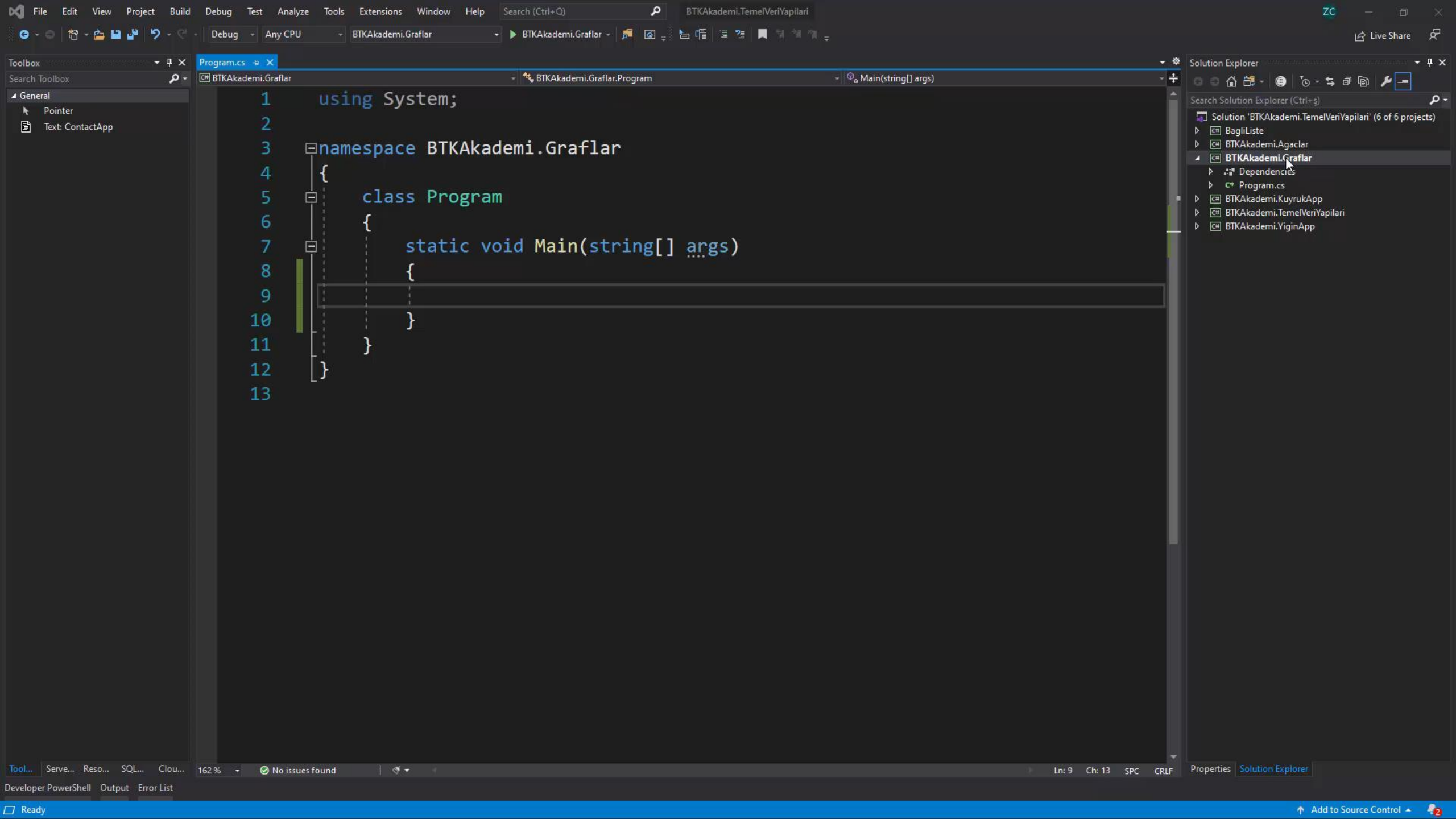
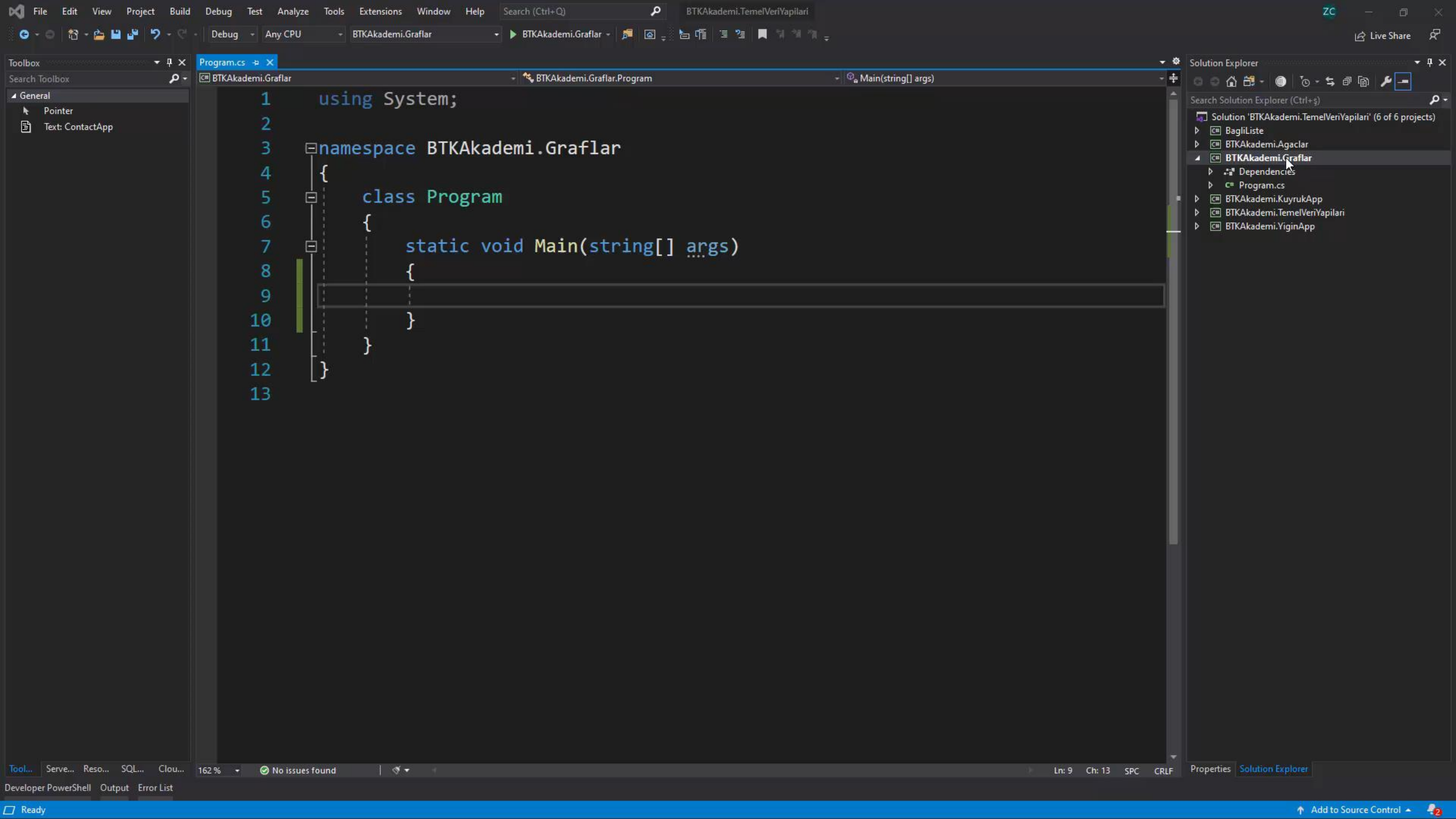




## Graf Projesi



**Graf Projesi**  
**Düğüm Tasarımı ve Proje Diyagramı**

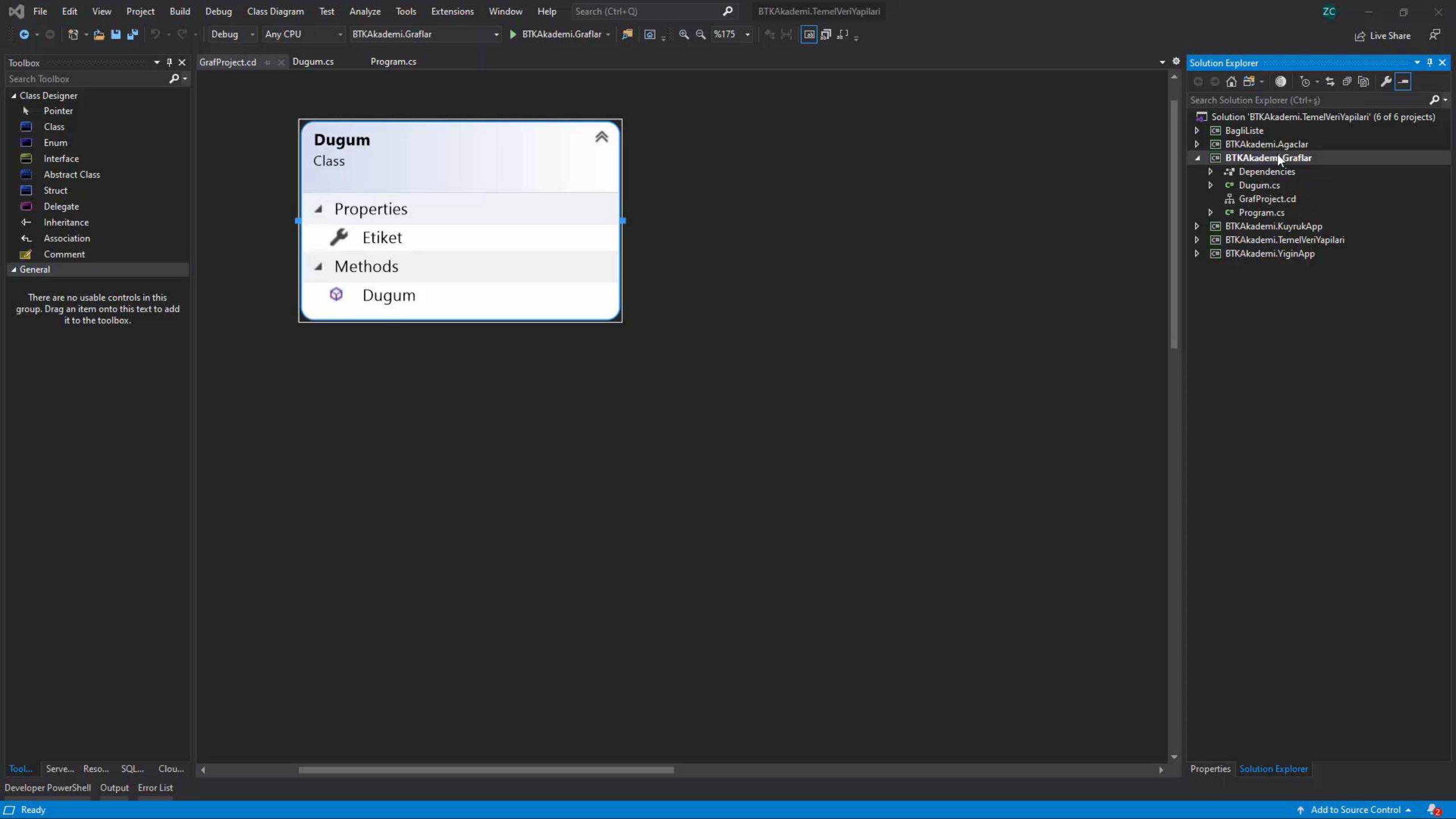




Graf Projesi  
Düğüm Tasarımı ve Proje Diyagramı



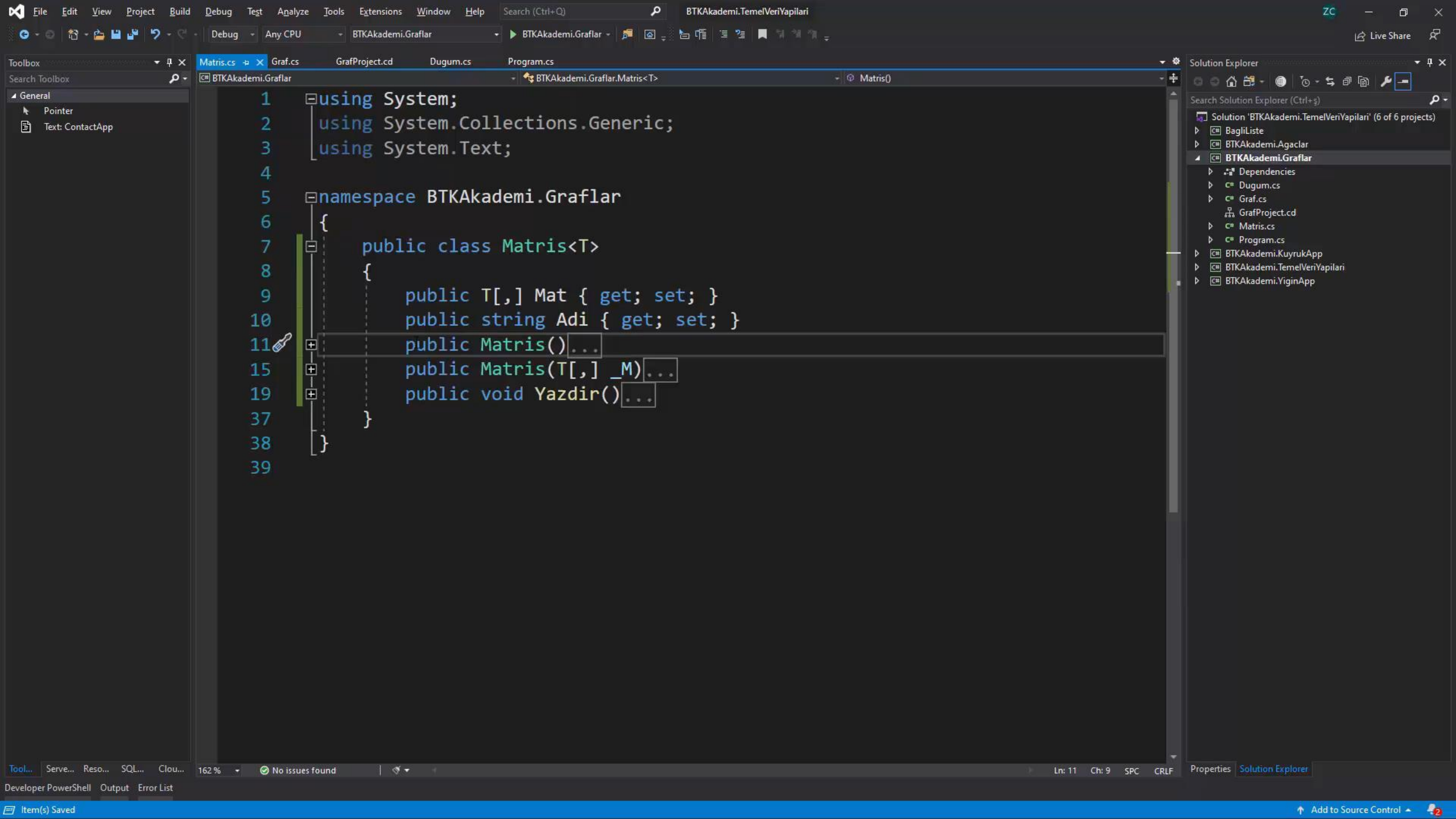




# Matris Sınıfı

```
BTAKademi.TemelVeriYapilari - Matris.cs
Matris.cs
BTAKademi.Graflar
BTAKademi.Graflar.Matris<T>
Yazdir()

7 public class Matris<T>
8 {
9     public T[,] Mat { get; set; }
10    public string Adi { get; set; }
11    public Matris() { }
12    public Matris(T[,] _M)
13    {
14        this.Mat = _M;
15    }
16    public void Yazdir()
17    {
18        Console.WriteLine();
19        Console.WriteLine("{0}\n{1}", Adi,
20            new string('-', (Mat.GetLength(0)-1)*5));
21        Console.WriteLine();
22
23        for (int i = 0; i < Mat.GetLength(0); i++)
24        {
25            for (int j = 0; j < Mat.GetLength(0); j++)
26            {
27                Console.Write("{0,5}", Mat[i,j]);
28            }
29            Console.WriteLine();
30        }
31
32        Console.WriteLine();
33    }
34 }
35
36
37
38
```





Graf Projesi  
Graf Sınıfının Tasarımı



File Edit View Project Build Debug Class Diagram Test Analyze Tools Extensions Window Help Search (Ctrl+Q) BTKAkademi.TemelVeriYapilari

Debug Any CPU BTKAkademi.Graflar BTKAkademi.Graflar %175

Toolbox Search Toolbox

- Class Designer
  - Pointer
  - Class
  - Enum
  - Interface
  - Abstract Class
  - Struct
  - Delegate
  - Inheritance
  - Association
  - Comment
- General

There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.

AgirlikMatrisi.cs KomsulukMatrisi.cs Matris.cs Graf.cs GrafProject.cd Dugum.cs Program.cs BTKAkademi.Graflar.csproj

**Dugum**  
Class

- Properties
- Methods
  - Dugum

**Graf**  
Class

- Properties
- Methods
  - DugumEkle
  - DugumYazdir
  - Graf
  - KenarEkle

**Matris<T>**  
Generic Class

- Properties
  - Adi
  - Mat
- Methods
  - Matris (+ 1 overload)
  - Yazdir

**KomsulukM...**  
Class  
→ Matris<int>

**AgirlikMatrisi**  
Class  
→ Matris<double>

**Solution Explorer**

Search Solution Explorer (Ctrl+g)

- Solution 'BTKAkademi.TemelVeriYapilari' (6 of 6 projects)
  - BagliListe
  - BTKAkademi.Agaclar
  - BTKAkademi.Graflar**
    - Dependencies
    - AgirlikMatrisi.cs
    - Dugum.cs
    - Graf.cs
    - GrafProject.cd
    - KomsulukMatrisi.cs
    - Matris.cs
    - Program.cs
  - BTKAkademi.KuyrukApp
  - BTKAkademi.TemelVeriYapilari
  - BTKAkademi.YiginApp

Properties Solution Explorer

Ready Add to Source Control



Graf Projesi  
Graf Uygulama